



PillSnag

ICI Pilling and Snag Tester

The PillSnag evaluates the pilling and hooking properties of textiles. It can be flexibly configured with a variety of standards, 2 or 4 stations, and It can also be equipped with round or octagonal boxes specified by European clothing brands, and European or Japanese standard hook and loop boxes are also available. The test places the sample on a polyurethane tube. It then puts the tube inside a roller box, which a drive system rotates at a constant speed. A cork-lined abrasive or hooking nail inside the roll box rubs against the sample. This simulates actual use by pilling and hooking. After rolling a set number of times, the sample is removed. It is then compared to a standardized sample to assess pilling and hooking.

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Flexible configurations to suit all standards

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Smart Pilling and Snagging Test

The instrument connects to the SmarTexLab APP via IoT on a smartphone or computer. It then connects to ERP/LIMS through an API. The instrument can also connect directly to ERP/LIMS. Test orders and standards can be sent to the instrument. The sample information can be read by scanning the code. The program can be automatically selected and tested. After the test, a digital raw record will be created. It will include the test process, results, temperature, and humidity. This record will be uploaded to the system. It will be summarized with other tests to output a report. All relevant parties can view the report in real-time. The operator can remotely monitor the status of multiple tests. They can also modify the test requirements, get a reminder before the test ends, and stop or repeat the test. You can use online chat to get quick support from ChiuVention customer service. Also, receive reminders to calibrate, maintain, and replace consumables on the instrument. Lastly, perform OTA remote upgrades regularly.

Multiple testing modes to meet different needs

The equipment can carry out a variety of modes of testing to meet the needs of different textile testing.



Power

220/110V 50/60Hz



Weight

100kg



Dimension

470*860*900 mm(D*W*H)

Specification

Forward and reverse rotation function

Chamber interior dimensions 235mm *235mm * 235mm
(excluding cork lining)

Chamber rotation speed 30-70 rpm (adjustable)

Chamber rotation count 2-999999 times (settable)

2 or 4 Chambers can be customized

Standard Accessories & Consumables

Sampling board	1 pc 125*125 mm
Polyurethane specimen tube	set of 16pcs 140*Φ31.5 mm
Cork liner	24 pcs

Optional Accessories & Consumables

Polyurethane specimen tube	set of 4 140*Φ31.5 mm
Cork liner	pack of 6
Mounting jig	per set
Pilling Standard Photographs	set of 4*5 (20pcs)
Sampling board	114*114 mm
BS 8479 Octagonal box	

Standard

ISO 12945-1
GB/T 4802.3
NEXT TM19
BS 5811

Optional Standard

BS 8479
JIS L1058 Method D-2